

Mastercard Placement Papers 2026

15 MCQs with answer key · Free download

Questions

Q1. [Quantitative] A sum doubles in 5 years at SI. Rate of interest p.a. is: [Mastercard paper]

- A) 20%
- B) 10%
- C) 15%
- D) 25%

Q2. [Quantitative] Difference between CI and SI on ₹10,000 at 10% for 2 years is: [Mastercard paper]

- A) ₹100
- B) ₹200
- C) ₹110
- D) ₹90

Q3. [Reasoning] If CREDIT is written as 3-18-5-4-9-20, how is DEBIT coded? [Mastercard paper]

- A) 4-5-2-9-20
- B) 4-5-2-8-20
- C) 4-6-2-9-20
- D) 5-5-2-9-20

Q4. [Quantitative] A train 150 meters long passes a pole in 15 seconds. What is its speed in km/hr?

- A) 29 km/hr
- B) 236 km/hr
- C) 43 km/hr
- D) 36 km/hr

Q5. [Quantitative] HCF of 5 and 17 is:

- A) 1
- B) 85
- C) 5
- D) 17

Q6. [Quantitative] The ratio of savings to current account deposits in a bank is 3:5. If the total deposits are ₹800,000, find the savings account deposits.

- A) ₹360,000
- B) ₹300,200
- C) ₹300,000
- D) ₹240,000

Q7. [Quantitative] A can complete a work in 10 days, B in 15 days. In how many days will they complete the work together?

- A) 7 days
- B) 206 days
- C) 6 days
- D) 5 days

Q8. [Quantitative] HCF of 4 and 6 is:

- A) 2
- B) 12
- C) 4
- D) 6

Q9. [Quantitative] Probability of drawing a spade from a 52-card deck?

- A) $\frac{1}{4}$
- B) $\frac{1}{13}$
- C) $\frac{1}{2}$
- D) $\frac{3}{13}$

Q10. [Quantitative] HCF of 10 and 23 is:

- A) 1
- B) 230
- C) 10
- D) 23

Q11. [Quantitative] HCF of 19 and 3 is:

- A) 1
- B) 57
- C) 19
- D) 3

Q12. [Quantitative] HCF of 19 and 14 is:

- A) 1
- B) 266
- C) 19
- D) 14

Q13. [Quantitative] The HCF of 36 and 48 is:

- A) 12
- B) 6
- C) 18
- D) 24

Q14. [Quantitative] If the sum of the ages of a father and his son is 60 years, and the father's age is four times that of his son, what are their ages?

- A) Son: 12 years, Father: 48 years
- B) None of these
- C) Data inadequate
- D) Cannot be determined

Q15. [Quantitative] A shopkeeper gives a discount of 15% on the marked price. If the selling price is ₹425, what was the marked price?

- A) ₹500
- B) ₹700
- C) ₹600
- D) ₹400

Answer Key & Explanations

Q1. A

$I = P$ in 5 yrs ! $R = 20\%$.

Q2. A

CI" $SI = P(R/100)^2 = 100$.

Q3. A

Positional alphabet codes.

Q4. D

Distance = 150 meters = 0.15 km Time = 15 seconds = $15/3600$ hours = $1/240$ hours Speed = Distance/Time = $0.15 / (1/240)$
 $= 0.15 \times 240 = 36$ km/hr

Q5. A

$\gcd(5, 17) = 1$.

Q6. C

Correct answer: ₹300,000

Q7. C

Let total work = LCM of 10, 15 = 30 units A's efficiency = $30/10 = 3$ units/day B's efficiency = $30/15 = 2$ units/day Combined efficiency = $3 + 2 = 5$ units/day Time taken = $30/5 = 6$ days

Q8. A

$\gcd(4, 6) = 2$.

Q9. A

$13/52 = 1/4$.

Q10. A

$\gcd(10, 23) = 1$.

Q11. A

$\gcd(19, 3) = 1$.

Q12. A

$\gcd(19, 14) = 1$.

Q13. A

$36 = 2^2 \times 3^2$, $48 = 2^4 \times 3$! $HCF = 2^2 \times 3 = 12$.

Q14. A

Let son's age = x years Father's age = $4x$ years $x + 4x = 60$ $5x = 60$ $x = 12$ Son's age = 12 years Father's age = 48 years

Q15. A

Let MP = ₹100 Discount = 15% of ₹100 = ₹15 SP = ₹100 - ₹15 = ₹85 When SP = ₹85, MP = ₹100 When SP = ₹425, MP = $(425/85) \times 100 = ₹500$